

**Supplementary Fig. 1.** Phytochemicals extracted from Pubchem database showing anti-diabetic property

Ligand	Structure	Reference
<p>Curcumin (CID: 969516); molecular weight 368.3799 g/mol</p>		[3]
<p>Genistein (CID: 5280961); molecular weight 270.2369 g/mol</p>		[4]
<p>Piperine (CID: 2763851); molecular weight 215.28934 g/mol</p>		[5]
<p>Pterostilbene (CID: 5281727); molecular weight 256.29644 g/mol</p>		[6, 16]